DØ Grid Production Workshop
DATA MANAGEMENT

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SAM Data Handling

Build on our extensive DH experience
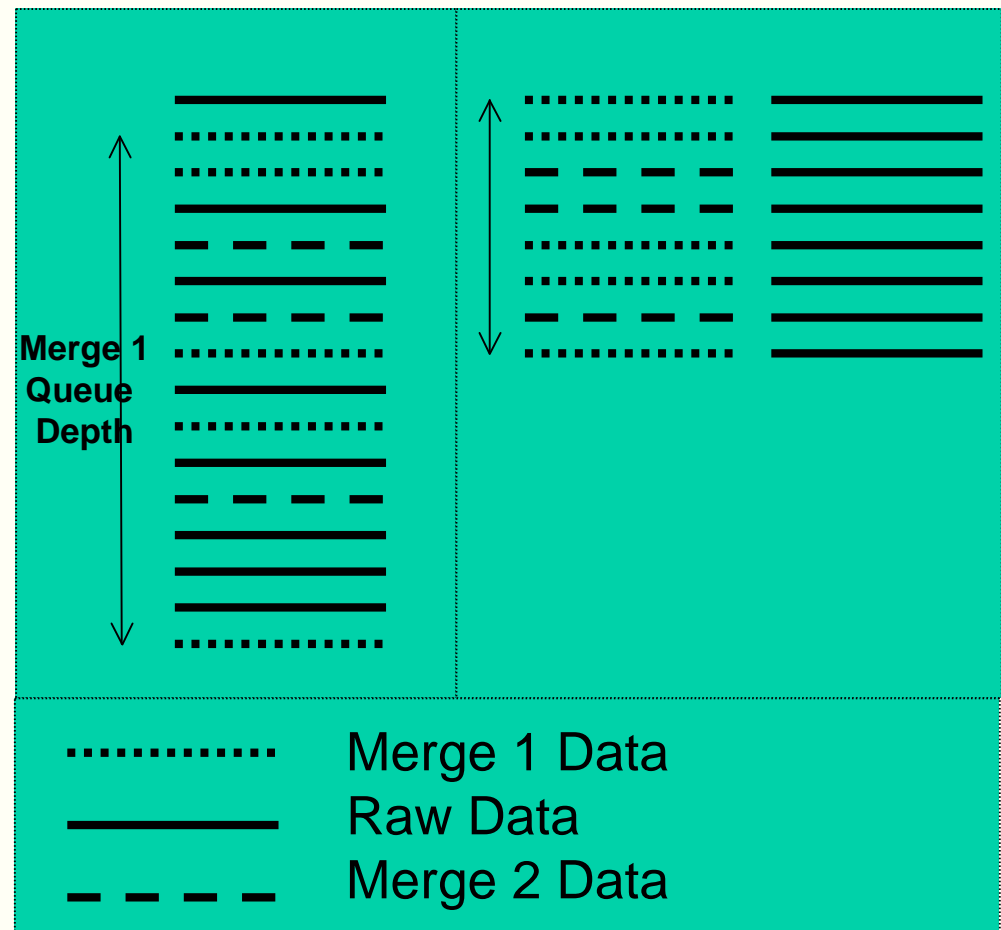
Special optimizations...

"Polling" SAM Stations

Durable locations

Data queues

SRM

- SAM - Data management in
- SAMGrid
- Jobs get input data from tapes or SAM disks
- Jobs store the output data to tapes or SAM disks
- Data Handling optimized using data queues.
  - ❖ SAM can be configured to use sam_fcp for data transfers
  - ❖ sam_fcp queues based on job types
  - ❖ sam_fcp queues based on the data transfer rate.

Merge 1 Queue Depth

Merge 1 Data

Raw Data

Merge 2 Data

SAM Stager sent to WN with job

Two modes:

One shot transfers

Full scale SAM Projects

Largely successful!

Heavily optimized (more?)

Scalable